

MAY 13 1986

INTER-OFFICE COMMUNICATIONS

Palm Beach County, Florida

TO: John Sansbury, County Administrator
Lisa Heasley, County Attorney's Office
Herb Kahlert, County Engineer
David Bludworth, State Attorney
Joy Shearer, Asst. Attorney General
Captain Cook, Sheriff's Dept. - Civil
Jerry Nolan, Director of Admin. - Sheriff's Office
John Lehner, Planning, Zoning & Bldg.
Bob Palchanis, Building Division, Director
Sandy Sprague, Assistant County Attorney
Patty Young - 4th District Court of Appeals
Law Library

DATE: May 12, 1986

(2) County Library

Pinky Yount, PBC Municipal League Inc.

- Richard Iavarone, Finance.
- Judy Hemberger, Finance

FROM: John W. Dame, Chief Deputy Clerk

RE: PALM BEACH COUNTY ORDINANCE DISTRIBUTION

ORDINANCE NO. 86-11

TITLE REFERENCE:

AN ORDINANCE OF THE BOARD OF COUNTY COMMISSIONERS OF PALM BEACH COUNTY, FLORIDA, AMENDING THE CODE OF LAWS AND ORDINANCES OF PALM BEACH COUNTY AS FOLLOWS: REPEALING THE 1983 PALM BEACH COUNTYWIDE AMENDMENTS TO THE NATIONAL ELECTRICAL CODE, 1981 EDITION; ADOPTING THE 1986 PALM BEACH COUNTYWIDE AMENDMENTS TO THE NATIONAL ELECTRICAL CODE, 1984 EDITION; PROVIDING FOR INTERPRETATION OF CAPTIONS; PROVIDING FOR REPEAL OF LAWS IN CONFLICT; PROVIDING FOR SEVERABILITY; PROVIDING FOR INCLUSION IN THE CODE OF LAWS AND ORDINANCES; PROVIDING FOR APPLICABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

Attached is a copy of the above referenced Ordinance of Palm Beach County. \ This Ordinance has been filed with Florida Department of State and forwarded to Municipal Code Corporation for codification. The effective date is May 5, 1986 at 3:23 P.M.

Signed

Louie Clinger
Deputy Clerk

JWD:

Attachment

* cc: Commissioners, BCC
Clerk
Minutes

*If a complete copy of ordinance is needed, please advise this office and we will be happy to provide a copy.

ORDINANCE NO. 86-11

AN ORDINANCE OF THE BOARD OF COUNTY COMMISSIONERS OF PALM BEACH COUNTY, FLORIDA, AMENDING THE CODE OF LAWS AND ORDINANCES OF PALM BEACH COUNTY AS FOLLOWS: REPEALING THE 1983 PALM BEACH COUNTYWIDE AMENDMENTS TO THE NATIONAL ELECTRICAL CODE, 1981 EDITION; ADOPTING THE 1986 PALM BEACH COUNTYWIDE AMENDMENTS TO THE NATIONAL ELECTRICAL CODE, 1984 EDITION; PROVIDING FOR INTERPRETATION OF CAPTIONS; PROVIDING FOR REPEAL OF LAWS IN CONFLICT; PROVIDING FOR SEVERABILITY; PROVIDING FOR INCLUSION IN THE CODE OF LAWS AND ORDINANCES; PROVIDING FOR APPLICABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, F.S. Chapter 125 and Florida Statutes empower counties to provide for the health, safety and general welfare including the enactment and enforcement of building and related technical codes and regulations; and

WHEREAS, Chapter 74-565 Laws of Florida, as amended, authorizes the Palm Beach County Board of County Commissioner, upon the advice of the Palm Beach County Building Code Advisory Board, to adopt more recent editions of the National Electrical Code as a minimum code effective in all of Palm Beach County; and

WHEREAS, Ordinance 85-9 adopted the National Electrical Code, 1984 Edition; and

WHEREAS, Chapter 74-565, Laws of Florida, as amended, allows Palm Beach County to adopt by ordinance; amendments to modify and improve said code to meet local conditions, provided that said amendments do not lower the standards of the minimum code adopted; and

WHEREAS, Florida Statute and Florida law, authorized counties to determine and set fees to charge for services and activities necessary to the administration of any ordinance or regulation enacted pursuant to law; and

1 WHEREAS, the adoption of this amendment will be in the
2 public interest by strengthening the National Electrical Code,
3 1984 Edition, for the health safety and general welfare of all
4 people in the unincorporated area of Palm Beach County; and
5

6 WHEREAS, the Board of County Commissioners of Palm Beach
7 County, sitting as the Local Planning Agency, has determined that
8 the proposed amendments to the National Electrical Code, 1984
9 Edition, are consistent with the adopted Comprehensive Plan of
10 Palm Beach County, as required by Chapter 163, Section 163.3194
11 (2) of Florida Statutes.
12

13
14 NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY
15 COMMISSIONERS OF PALM BEACH COUNTY, FLORIDA, that:

16 SECTION 1. REPEAL OF 1983 PALM BEACH COUNTYWIDE
17 AMENDMENTS TO THE NATIONAL ELECTRICAL CODE,
18 1981 EDITION.
19

20 The 1983 Palm Beach Countywide Amendments to the National
21 Electrical Code, 1981 Edition, Ordinance 83-7, as amended, is
22 hereby repealed.
23

24 SECTION 2. ADOPTION OF 1986 PALM BEACH COUNTYWIDE
25 AMENDMENTS TO THE NATIONAL ELECTRICAL CODE,
26 1984 EDITION.

27 The 1986 Palm Beach Countywide Amendments to the National
28 Electrical Code, 1984 Edition, are hereby adopted, as follows:
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ARTICLE 80 - NATIONAL ELECTRICAL CODE 1984 EDITION.

ARTICLE 80 - ADMINISTRATION

80-1. TITLE AND SCOPE

(a) TITLE.

Provisions in the following chapters and sections shall constitute and be known and may be cited as "Palm Beach County Addendum to 1984 National Electrical Code," hereinafter referred to as "this code."

80-1(a) Title

The provisions embrace within the following chapters and sections shall constitute and be known and cited as "Palm Beach County Addendum to 1984 National Electrical Code."

(b) CODE REMEDIAL.

(1) GENERAL. This Code is hereby declared to be remedial, and shall be construed to secure the beneficial interest and purposes thereof, which are public safety, health and general welfare by regulating installation and maintenance of all electrical equipment.

80-1(b) Code Remedial

This Code is hereby declared to be remedial and shall be construed to secure the beneficial interest and purposes thereof, which are health sanitation, general public safety and welfare; by regulating installation and maintenance of all electrical equipment.

(2) QUALITY CONTROL. Quality control of materials and workmanship is not within the preview of this Code except as it relates to the purposes stated herein.

(3) PERMITTING AND INSPECTION. The inspection or permitting of any building or plan by Palm Beach County, under the requirements of this Code shall not be construed in any court as a warranty of the physical condition of such building or the adequacy of such plan. No employee of the Department nor Palm Beach County shall be liable in tort for damages for any defect or hazardous or illegal condition or inadequacy in such building or plan, nor for any failure of any component of such building, which may occur subsequent to such inspection or permitting.

1 (c) SCOPE.

2 (1) APPLICABILITY. The provisions of this Code shall apply
3 to the installation of electrical systems, including alterations,
4 repairs, replacement, equipment, appliances, fixtures and
5 fittings, of every building or structure or any appurtenances
6 attached to such building or structure.

7 Nothing contained in this section or elsewhere in this Code
8 is to be construed to require a permit under this Code for any
9 work involved in the erection, installation, repair, remodeling
10 or maintenance of elevators, dumbwaiters, or moving stairways.
11 Such exception shall not, however, extend to work on conductors
12 and equipment and motors for supplying power to control panels of
13 each elevator, dumbwaiter or moving stairway.

14 80-44e Scope

15 The provisions of this Code shall apply to the installation
16 of electrical systems, including alteration, repairs,
replacement, equipment, appliance, fixtures, fittings and/or
appurtenances, thereto.

17 By nothing contained in this Section or elsewhere in this
18 Code is it to be construed that a permit shall be required under
19 this Code for any work involved in the erection, installation,
20 repairing, remodeling and maintenance of elevators, dumbwaiters
and moving stairways. Such exception shall not, however, extend
to work on conductors and equipment for supplying power to the
control panels of each elevator, dumbwaiter or moving stairway.

21 (2) FEDERAL AND STATE AUTHORITY The provisions of this
22 Code shall not be held to deprive any Federal or State agency, or
23 any applicable governing body having jurisdiction, of any power
24 or authority which it had on the effective date of the adoption
25 of this Code or of any remedy then existing for the enforcement
26 of its orders, nor shall it deprive any individual or corporation
27 its legal rights as provided by law.

28 (3) MAINTENANCE. All electrical systems, both existing and
29 new, and all parts thereof, shall be maintained in a safe
30 condition. All devices or safeguards which are required by this
31 code in any building when installed, altered or repaired, shall
32 be maintained in good working order. The owner, or his
33 designated agent, shall be responsible for the maintenance of the
34 electrical systems.

1 89-4(d) Maintenance

2 All electrical system, both existing and new, and all parts
3 thereof, shall be maintained in a safe condition. All devices or
4 safeguards which are required by this Code shall be maintained in
5 good working order. The maintenance of electrical systems shall
6 be the responsibility of the owner or their designated agent.

7
8 (4) SERVICE EQUIPMENT. It shall unlawful for any person to
9 disconnect, alter, or tamper with any service equipment such as
10 service drop, conductors, meters, or protective devices owned by
11 a municipal, county, or state agency; a company or corporation
12 holding a franchise for electrical current for light, heat, and
13 power in the county, except duly authorized agents, licensees or
14 employees of such company or corporation.

15 89-4(e) Service Equipment

16 It shall be unlawful for any person to disconnect, alter or
17 tamper with any service equipment, such as service drop,
18 conductors, meters or protective devices owner by a municipal,
19 county or State agency; a company or corporation holding a
20 franchise for electrical current for light, heat and power in the
21 county, except duly authorized agents, licenses or employees of
22 such company or corporation.

23 (d) ELECTRICAL INSPECTION SECTION.

24 There is hereby established a section to be called the
25 Electrical Inspection Section, within the Building Division of
26 Palm Beach County Planning, Zoning and Building Department, which
27 shall be in the charge of the Building Official so legally
28 designated by the local governing body.

29 89-2(a) Electrical Inspection Section

30 There is hereby established a section to be called the
31 Electrical Inspection Section with the Building Division of the
32 Planning, Zoning and Building Department, which shall be in the
33 charge of the Official so legally designated by the local
34 governing body.

35 (1) INSPECTORS QUALIFICATIONS. The Building Official, with
36 the approval of the Chief Appointing Authority, may appoint such
37 number of officers, inspectors, assistants and other employees as
38 shall be authorized from time to time. No person shall be
39 appointed as inspector of electrical systems who has not had at
40 least ten (10) years experience as an electrical inspector,
41 master electrician, journeyman electrician, engineer, or as a
42 superintendent, or foreman in charge of electrical constructions.

43 The inspector appointed shall be certified within twelve
44 (12) months of appointment by the Building Official's Association

of Florida, Southern Building Code Congress International or Florida Board of Codes and Standards.

80-2(b) Inspectors

The Building Official, with the approval of the Chief Appointing Authority, may appoint such number of officers, assistants and other employees as shall be authorized from time to time. No person shall be appointed as inspector of electrical systems who has not had at least five (5) years experience as an electrical inspector, master electrician, journeyman electrician, engineer, or as a superintendent, or foreman in charge of electrical constructions.

(2) RESTRICTIONS ON EMPLOYEES. An officer or employee connected with the Department, except one whose only connection is as a member of the board established by this Code, shall not be financially interested in the furnishings of labor, material or appliances for the construction, alternations, or maintenance of electrical systems, or in the making of plans or specifications thereof, unless they are the owner of such building. Such officer or employee shall not engage in any work which is inconsistent with their duties or with the interest of the Department.

80-2(c) Restriction on Employees

An officer or employee connected with the Department, except one whose only connection is as a member of the Board established by this Code shall not be financially interested in the furnishings of labor, material or appliances for the construction, alteration, or maintenance of electrical installations or in the making of plans or of specifications, unless they are the owner of such building. Such officer or employee shall not engage in any work which is inconsistent with their duties or with the interest of the Department.

(3) RECORDS. The Building Official shall keep, or cause to be kept, a record of the business of the department. The records of the department shall be open to public inspection.

(4) LIABILITY. Any officer or employee of Palm Beach County, or member of the Palm Beach County Building Board of Appeals, acting for the applicable governing body in the discharge of his duties, shall not thereby render himself personally liable, and is hereby relieved from all personal liability, for any damage that may accrue to persons or property as a result of any act required or permitted in the discharge of his duties. Any suit brought against any officer or employee or member because of such act performed by them in the enforcement

1 of any provision of this Code or Laws of Florida, Florida
2 Statute, or any rule, regulation, order, or policy shall be
3 defended by Palm Beach County until the final termination of the
4 proceedings.

5 Any suit brought against any former employee of an agency
6 for actions said employee may have taken in the lawful discharge
7 of his duties while employed by the Department will be defended
8 by Palm Beach County.

9 80-3(j) Liability

10 Any officer or employee, or member of any board, charged
11 with the enforcement of this code, acting for the governing body
12 in the discharge of their duties, shall not thereby render
13 themselves liable personally and they are hereby relieved from
14 all personal liability for any damage that may occur to person or
15 property as a result of any act required or permitted in the
16 discharge of their duties. Any suit brought against any officer
17 or employee because of such act performed by them in the
18 enforcement of any provision of this Code, shall be defended by
19 the agency until the final termination of the proceedings. Any
20 suit brought against any former employee of an agency for
21 actions, said employee may have taken in the discharge of their
22 duties while employed by said agency, will be defended by the
23 agency.

24 (e) EXISTING BUILDINGS.

25 (1) GENERAL. Alterations, repairs or rehabilitation work
26 may be made to any existing building without requiring the
27 building to comply with all the requirements of this Code
28 provided that the alteration, repair or rehabilitation work
29 conforms to the requirements of this Code for new construction.
30 The Building Official shall determine the extent to which the
31 existing system shall be made to conform to the requirements of
32 the Code for new construction.

33 80-3(g) Existing Premises

34 In existing buildings or premises in which electrical
35 installations are to be altered, repaired or renovated, the
36 Building Official has discretionary power to permit deviation
37 from the provisions of this Code, provided that such a proposal
38 to deviate is first submitted for proper determination in order
39 that health and safety requirements, as they pertain to
40 electrical installations, shall be observed.

41 (2) CHANGE OF OCCUPANCY. If the occupancy classification
42 of an existing building is changed, the building shall be made to
43 conform to the intent of the Code as required by the Building
44 Official.

1 80 - 2. POWERS AND DUTIES OF THE BUILDING OFFICIAL.

2 (a) RIGHT OF ENTRY

3 (1) Whenever necessary to make an inspection to enforce any
4 of the provisions of this Code, or whenever the Building Official
5 has reasonable cause to believe that there exists in any building
6 or upon any premises any conditions or code violation which makes
7 such building or premises unsafe, dangerous or hazardous, the
8 Building Official may enter such building or premises at all
9 reasonable times to inspect the same or to perform any duty
10 imposed upon the Building Official by this Code, provided that if
11 such building or premises is occupied, he shall first present
12 proper credentials and request entry; and provided further, that
13 if such building or premises is unoccupied, he shall first make a
14 reasonable effort to locate the owner or other persons having
15 charge or control of the building or premises and request entry.
16 If such entry is refused, the Building Official shall have
17 recourse to every remedy provided by law to secure entry.

18 (2) When the Building Official shall have first obtained a
19 proper inspection warrant or other remedy provided by law to
20 secure entry, no owner or occupant or any other persons having
21 charge, care or control of any building or premises shall
22 fail or neglect, after proper request is made as herein provided,
23 to promptly permit entry therein by the Building Official for the
24 purpose of inspection and examination pursuant to this Code.

25 80-3(a) Right of Entry

26 The Building Official shall enforce the provision of this
27 Code and may enter any building, structure, or premises to
28 perform any duty imposed by this Code.

29 (b) STOP WORK ORDERS.

30 Upon notice from the Building Official, work on any system
31 that is being done contrary to the provisions of this Code or in
32 a dangerous or unsafe manner, shall immediately cease. Such
33 notice shall be in writing and shall be given to the owner of the
34 property, or to his agent, or to the person doing the work, or
35 posted on the job property in a conspicuous place, and shall state
36 the conditions under which work may be resumed. Where an

1 emergency exists, the Building Official shall not be required to
2 give a written notice prior to stopping the work.

3
4 80-34b) Stop Work Orders

5 Upon notice from the Building Official that work on any
6 electrical installation that is being done contrary to the
7 provisions of this Code or in a dangerous or unsafe manner, shall
8 be stopped immediately. Such notice shall be in writing, stating
9 the reason therefor, and shall be given to the owner of such
10 property or to their agent, or the person doing the work, and
11 shall state the conditions under which the work may be resumed.
12 Where any emergency exists, oral notice given by the Building
13 Official shall be sufficient followed by notice in writing within
14 forty-eight (48) hours.

15
16 (c) REVOCATION OF PERMITS

17 (1) MISREPRESENTATION OF APPLICATION. The Building Official
18 may revoke a permit or approval, issued under the provisions of
19 this Code, in case there has been any false statement of
20 misrepresentation as to any material fact in the application or
21 plans on which the permit or approval was based, in all cases
22 permit fees will not be refunded.

23 80-34c) Revocation of Permits

24 The Building Official may revoke a permit or approval issued
25 under the provisions of this act in case there has been any false
26 statement of misrepresentations as to the material fact in the
27 application of plans on which the permit or approval was based.
28 In all cases permit fees shall not be refunded.

29 (2) VIOLATION OF CODE PROVISIONS. The Building Official may
30 revoke a permit upon determination that the installation,
31 alteration or repair of the electrical system for which the
32 permit was issued is in violation of, or not in conformity with,
33 the provisions of this Code.

34
35 (d) UNSAFE BUILDINGS.

36 All electrical installations, regardless of type, which
37 constitute an undue hazard to human life, health, safety or
38 welfare are hereby declared illegal and shall be abated by repair
39 and rehabilitation or by demolition in accordance with the
40 procedure as outlined in Section 102.4 - UNSAFE BUILDINGS, of the
41 Standard Building Code, as amended.

42 80-34d) Unsafe Installations

43 All electrical installations, regardless of type, which
44 constitute an undue hazard to human life, health or welfare are
45 hereby declared illegal and shall be abated by repair and
46

1 rehabilitation or by demolition in accordance with the procedure
2 as outlined in Section 403.4 - Unsafe Buildings, of the Standard
3 Building Code.

4 (e) REQUIREMENTS NOT COVERED BY CODE

5 Any requirement necessary for the safety, strength or
6 stability of an existing or proposed electrical installation, or
7 for the public safety, health and general welfare, not
8 specifically covered by this Code, shall be determined by the
9 Electrical Inspector, subject to the approval of the Building
10 Official.

11 80-3(e) Requirements Not Covered by Code

12 Any requirement necessary for the safety, strength or
13 stability of an existing or proposed electrical installation, or
14 for the safety of the occupants of building or structure, not
specifically covered by this code, shall be determined by the
Electrical Inspector, subject to the approval of the Building
Official.

16 (f) ALTERNATE MATERIALS AND METHODS

17 The provisions of this Code are not intended to prevent the
18 use of any material or method of construction not specifically
19 prescribed by this Code, provided any such alternate has been
20 approved by the Building Official. The Building Official shall
21 approve any such alternate, provided he finds that the alternate
22 for the purpose intended is at least the equivalent of that
23 prescribed in this Code in quality, strength, effectiveness, fire
24 resistance, durability and safety. The Building Official shall
25 require that sufficient evidence or proof be submitted to
26 substantiate any claim made regarding the alternate.

27 The Building Official may refer materials or methods to the
28 Palm Beach County Building Code Advisory Board for approval.

29 80-3(f) Alternate Materials and Alternate Methods of
30 Installations

31 Alternate materials and alternate methods of installations
shall be approved in accordance with this Section by the Building
32 Official. See Section 403.6 of the Standard Building Code for
Product Control requirements.

33 80-3(h) Evidence of Compliance

34 The Building Official shall require sufficient evidence to
enable a judgment as to whether proposed alternate meets the
35 requirements of this code for safety and health.

36

1 80-3. PERMITS

2 (a) REQUIRED.

3 (1) Any individual, partnership, firm, corporation or other
4 business organization that is the owner or lessee of property,
5 who desires that work as described below be performed on said
6 owned or leased property, shall make provisions for an applicant,
7 properly qualified under the laws and/or ordinances regulating
8 the certification and licensing of contractors, owner-builder and
9 lessee-builder, to file an application for and obtain the
10 required permit from the Building Official prior to commencing
11 work for the following:

12 80-4(a) When Required

13 A person, firm, or corporation shall not do or cause to be
14 done, any installations, alterations, repairs or replacement of
15 equipment or systems covered by the provisions of this Code,
16 without first having obtained the proper permit from the Building
17 Official.

18 (a) General. Any installation, alteration, repairs or
19 replacement of equipment or systems covered by the provisions of
20 this Code.

21 (b) Annual Industrial Permits. Upon written request to the
22 Building Official, any industrial plant shall be issued an annual
23 permit for electrical work, but only to the extent of permitting
24 reasonable alternations, additions or extensions to existing
25 installations of wiring apparatus or equipment installed,
26 contained, or used upon premises or in buildings owned or
27 occupied by the person to whom such an annual industrial permit
28 is issued. Such alternation, additions or extensions must be of
29 a minor character and shall be confined to any existing branch
30 circuits and fixtures, apparatus or equipment connected thereto,
31 but shall not include the installation or replacement of service
32 conductors, service equipment or subfeed circuits up to the final
33 center of distribution. No alterations, additions or extensions
34 shall be made which would place an overload upon the service
35 conductors, subfeed or branchfeed service conductors, or overload
36 the protective devices through which electrical energy is applied.

37 80-4(b) Annual Industrial Permits

38 (1) Upon written request to the Building Official, any

1 industrial plan shall be issued an annual permit for electrical
2 work, but only to the extent of permitting reasonable
3 alterations, additions or extensions to existing installations of
4 wiring apparatus or equipment installed, contained, or used upon
5 premises or in buildings owned or occupied by the person to whom
6 such an annual industrial permit is issued. Such alterations,
7 additions, or extensions must be of a minor character and shall
8 be confined to any existing branch circuits and fixtures,
9 apparatus or equipment connected thereto, but shall not include
10 the installation or replacement of service conductors, service
11 equipment or subfeed circuits up to the final center of
12 distribution. No alterations, additions or extensions shall be
13 made which would place an overload upon the service conductors,
14 subfeed or branchfeed service conductors, or overload the
15 protective devices through which electrical energy is applied.

16 The applicant shall pay an annual fee of One Hundred Dollars
17 (\$100) for each calendar year, and permit fees computed monthly
18 according to the fee schedule in Section 80-3(g).

19 ~~(2)~~ The applicant shall pay an annual fee of One Hundred
20 Dollars (\$100) for each calendar year, and permit fees computed
21 monthly according to the fee schedule in Section 80-7.

22 The applicant shall regularly employ one or more full time
23 electrician(s), competent in the safe installation, extension,
24 maintenance and repair of industrial electrical systems and
25 equipment, as required by Section 80-9.

26 ~~(3)~~ The applicant shall regularly employ one or more full
27 time electrician(s), competent in the safe installation,
28 extension, maintenance and repair of industrial electrical
29 systems and equipment, as required by Section 80-1.

30 The Building Official reserves the right to check the
31 premises of the permit holder at a reasonable time, unless
32 prohibited by government regulations.

33 ~~(4)~~ The Building Official reserves the right to check the
34 premises of the permit holder at a reasonable time, unless
35 prohibited by government regulations.

36 The performance of all work shall comply with the applicable
provisions of this Code.

(5) The performance of all work shall comply with the
applicable provisions of this Code.

(2) WORK AUTHORIZED. A general permit shall carry with it
the right to install in any building or structure, or part
thereof electrical systems, equipment, appliances, fixtures and
fittings or appurtenances thereto, provided the same are shown on
the drawings and set forth in the specifications filed with the
application for the permit; but where these are not shown on the
drawings and covered by the specifications submitted with the

1 application, a separate permit or revision to the original permit
2 may be required.

3 (3) INFORMATION REQUIRED. each application for a permit,
4 with the required fee, shall be filed with the Building Official
5 on a form furnished for that purpose, and shall contain a general
6 description of the proposed work and its location. The
7 application shall be signed by the owner, or his authorized
8 agent. The application shall indicate the proposed occupancy of
9 all parts of the building and shall contain such other
10 information as may be required by the Building Official.

11 80-46e) Form

12 Each application for a permit with the required fee shall be
13 filed with the Building Official on a form furnished for that
14 purpose, and shall contain a general description of the proposed
work and its location. The application shall be signed by the
owner or their authorized agent.

15
16 (b) DRAWINGS AND SPECIFICATIONS

17 (1) REQUIREMENTS. When required by the Building Official,
18 two or more copies of specifications, and of drawings drawn to
19 scale with sufficient clarity and detail to indicate the nature
20 and character of the work, shall accompany the application for a
21 permit. Such drawings and specifications shall contain
22 information, in the form of notes or otherwise, as to the quality
23 of materials, where quality is essential to conformity with this
24 Code. Such information shall be specific, and this Code shall
25 not be cited as a whole or in part, nor shall the term "legal" or
26 its equivalent be used, as a substitute for specific information.

27 (2) The plans shall denote calculations for total connected
28 load, the total floor area, the square feet of the building under
29 consideration, the point to which the service connection is to be
30 made, the size of service and the subfeed wires, the locations of
31 service switches and center of distribution and the arrangement
32 of circuits showing the number of outlets connected thereto.

33 80-46d) Drawings and Specifications (in part)

34 Two (2) sets of plans and specifications, with a complete
35 description of all proposed electrical work, shall be submitted
36 to the Building Official at the same time application is made for
a building permit, if any. The plans must be legibly drawn or
printed to a definite scale, one (1) floor plan being sufficient
if it can be made to show all the proposed electrical work.

1 otherwise, two (2) or more plans shall be submitted. The plans
2 shall denote calculations for total connected load, the total
3 floor area, the square feet of the building under consideration,
4 the point to which the service connection is to be made, the size
of service and the subfeed wires, the locations of service
switches and center of distribution and the arrangement of
circuits showing the number of outlets connected thereto.

5 Copies of all blueprints and drawings of this nature must be
6 filed in the Building Division for safekeeping and future
7 reference, if required. The installation of wiring, apparatus or
8 equipment for light, heat or power within or attached to any
9 building or premises, whether for private or public use, must be
accomplished strictly in accordance with the plans and
specifications submitted. Any changes or omissions in the wiring
system shown on the plans must first be approved by the Building
Official and such approval noted in writing.

10 (3) ADDITIONAL DATA. The Building Official may require
11 details, computations, and other data necessary to describe the
12 installation and basis of calculations and they shall bear the
13 signature of the person responsible for the design.

14 (4) DESIGNER. (See also Attachment 1)

15 (a) All drawings, specifications, and accompanying
16 data shall bear the name, signature, and address of the designer.

17 80-4(d) Drawings and specifications (paragraph 2 in part)
18 All drawings and specifications and accompanying data shall
bear the name, signature and address of the designer.

19 (b) Pursuant to Chapter 471 F.S. and Chapter 481 F.S.
20 said designer shall be either a State Registered Architect or a
21 State Registered Engineer (or to be exempt therefrom) and shall
22 perform only those services which he is authorized by law to
23 perform.

24 Any building or structure other than one (1) or two (2)
25 family dwellings, and any building upon any farm for the use of
any farmer, shall be designed by an architect or engineer legally
26 registered under the laws of the State of Florida, regulating the
practice of Architecture and Engineering, and who shall affix
27 their official seal and signature and the date of said drawings,
specifications and accompanying data, except that any electrical
28 contractor whose practice is the design and fabrication of
electrical systems which he installs, by virtue of having
29 qualified under State Statutes or special act or ordinance, when
working on any construction project requiring electrical service
30 of less than 600 amps in residential, and less than 800 amps, 3-
phase in commercial or industrial, or has a value of Ten Thousand
31 Dollars (\$10,000) or less, is not required to register under the
provisions of s.s. 471-001-471-039 as a registered engineer.

32
33 (c) EXAMINATION OF DOCUMENTS.

34 The Building Official shall examine or cause to be examined
35 each application for a permit and the accompanying documents

36

1 consisting of drawings, specifications, computations and
2 additional data, and shall ascertain by such examinations whether
3 the installation indicated and described is in accordance with
4 the requirements of this Code and all other pertinent laws or
5 ordinances.

6 80-4(e) Examination of Drawings

7 The Building Official shall examine or cause to be examined
8 each application for a permit and the drawings and specifications
9 which may be filed therewith; and shall ascertain by such
10 examination whether the installation indicated and described is
11 in accordance with the requirements of this Code and all other
12 pertinent laws or ordinances.

11 (d) ISSUING PERMITS

12 (1) ACTION ON PERMITS. The Building Official shall act
13 upon an application for a permit without unreasonable or
14 unnecessary delay. If the Building Official is satisfied that
15 the work described in an application for a permit and the
16 contract documents filed therewith conform to the requirements of
17 this Code and other pertinent laws and ordinances, he shall issue
18 a permit to the applicant.

19 80-5(a) Action on Application

20 4. If the Building Official is satisfied that the work
21 described in an application for permit and the drawings and
22 specifications which may be filed therewith conform to the
23 requirements of this Code and other pertinent laws and
24 ordinances, a permit shall be issued to the applicant.

25 (2) REFUSAL TO ISSUE PERMIT. If the application for a
26 permit and the accompanying contract documents describing the
27 work do not conform to the requirements of this Code or other
28 pertinent laws or ordinances, the Building Official shall not
29 issue a permit, but shall return the contract documents to the
30 applicant with his refusal to issue such permit. Such refusal
31 shall, when requested, be in writing and shall contain the reason
32 for refusal.

31 80-5(a) Action on Application

32 2. If the application for permit and the drawings and
33 specifications which may be filed therewith describe work which
34 does not conform to the requirements of this Code or other
35 pertinent laws or ordinances, the Building Official shall not
36 issue a permit but shall return the drawings to the applicant
with the refusal to issue such a permit. Such refusal, shall,
when requested, be by letter and shall contain the reasons
therefor.

1 (e) QUALIFICATION OF APPLICANT.

2 (1) Application for permits will be accepted only from
3 contractors currently licensed in their respective field and for
4 whom no revocation or suspension of license is existing except
5 that a owner may make application for permit and perform the
6 work in connection with the construction, maintenance,
7 alterations, or repair of a single family residence or two family
8 residence for his own use and occupancy, and not intended for
9 sale. The construction of more than one residence by an
10 individual owner in any twelve (12) month period shall be
11 construed as contracting, and such owner shall then be required
12 to be licensed as a contractor. Such licensed contractor or
13 owner shall be held responsible to the Building Official for all
14 work covered thereby.

15 80-5(e) Qualifications of Applicant

16 Application for permits will be accepted only from
17 contractors currently licensed in their respective field and for
18 whom no revocation or suspension of license is existing except
19 that a sole owner may make application for permit and perform the
20 work in connection with the construction, maintenance,
alterations, or repair of a single family residence or two-family
residence for his own use and occupancy and not intended for
sale. Such licensed contractor or sole owner shall be held
responsible to the Building Official for the proper supervision
and conduct for all work covered thereof.

21 (2) Electrical contractors shall provide a journeyman or
22 master electrician that shall actively supervise on site
23 electrical work.

24 80-5(b) Conditions of the Permit

25 (4) A journeyman or master electrician shall actively
26 supervise on the site all electrical work.

27 (f) CONDITIONS OF THE PERMIT.

28 (1) PERMIT INTENT. A permit issued shall be construed to
29 be a license to proceed with the work and shall not be construed
30 as authority to violate, cancel, alter, or set aside any of the
31 provisions of this Code, nor shall such issuance of a permit
32 prevent the Building Official from thereafter requiring a
33 correction of errors in plans or in construction, or of
34 violations of this Code. Every permit issued shall become
35 invalid if: (1) the work authorized by such permit is not commenced
36

1 within 6 months after its issuance or (2) if the work authorized
2 by such permit is suspended or abandoned for a period of 6 months
3 after the time the work is commenced.

4 **80-5(b) Conditions of the Permit**

5 The Building Official shall act upon an application for a
6 permit with plans as filed, or as amended, without unreasonable
7 or unnecessary delay. A permit issued shall be construed to be a
8 license to proceed with the work and shall not be construed as
9 authority to violate, cancel, alter or set aside any of the
10 provisions of this Code, nor shall such issuance of a permit
11 prevent the Building Official from thereafter requiring a
12 correction of errors in plans or in construction, or of
13 violations of this Code.

14 Permits may be issued subject to either of the following
15 conditions:

16 (1) Every permit issued shall become null and void unless
17 the work authorized by such permit is commenced within six (6)
18 months after its issuance, or if the work authorized by such
19 permit is suspended or abandoned for a period of six (6) months
20 after the time the work is commenced.

21 (2) **INVALID PERMITS.** Invalid permits must be renewed
22 subsequent to recommencement. Permits may be renewed, subject to
23 approval by the Building Official, for 30% of the then current
24 permit fee, as prescribed in 80-3(g)(1)(a) of this Code, for that
25 portion of work remaining or be exempt as set forth in 80-
26 3(g)(1)(b) of this Code. In no case however shall this fee be
27 less than the minimum nor greater than the original permit fee.

28 **80-5(b) Conditions of the Permit**

29 (2) Before work, for which the permit has, for any reason,
30 become null and void, may be subsequently commenced, or
31 recommenced, a new permit shall first be obtained. A null and
32 void permit may be renewed for a prorated amount of the
33 original fee, provided the proposed work conforms with all
34 requirements, ordinances, rules and regulations effective at the
35 time of such renewal.

36 (3) A courtesy notice may be mailed by the Building
Official to the permit holder advising that said permit is null
and void.

(3) **CHANGE OF CONTRACTOR.** Change of contractors may be
made to a valid permit in accord with the Standard Building Code
as amended.

(4) **PLANS.** When the Building Official issues a permit, he
shall endorse, in writing or by stamp, both sets of plans
"Reviewed for Code Compliance". One set of drawings so reviewed
shall be retained by the Building Official and the other set
shall be returned to the applicant. The permitted drawings shall

1 be kept at the site of work and shall be open to inspection by
2 the Building Official or his authorized representative.

3 80-4(d) Drawings and Specifications (in part):

4 The plans reviewed for code compliance by the Building
5 Official or a duly authorized assistant prior to the electrical
6 permit being obtained and before any electrical work can be
7 commenced, if found in order, must be stamped.

8 (g) FEES.

9 80-6(a) General

10 A permit shall not be valid until the fees prescribed in
11 this section have been paid, nor shall an amendment to a permit
12 be approved until the additional fees, if any, shall have been
13 paid.

14 (1) GENERAL.

15 A permit will not be valid, nor issued, until a fee, as
16 prescribed in subsection (a) or (b) has been paid. No refund
17 will be granted on any permit with a fee of less than \$100.00.
18 For permits having a fee in excess of \$100.00, 70% of the amount
19 over \$100.00 may be refunded, provided a letter of request is
20 submitted to the Planning, Zoning and Building Department stating
21 the permit number and the reason the refund is requested.
22 Letters requesting refund must be received by the Planning,
23 Zoning and Building Department within thirty (30) days of the
24 permit's date of permit issuance.

25 80-6(e) Schedule of Permit Fees

26 (1) General: No permit shall be issued until the fee
27 prescribed under this Section shall have been paid. Nor shall an
28 amendment to a permit be approved until the additional fee, if
29 any, due to the additional work, shall have been paid. No refund
30 will be granted on any permit with a fee of less than \$100.00.
31 For permits having a fee in excess of \$100.00, 70% of the amount
32 above \$100.00 may be refunded, provided a letter of request is
33 submitted to the Planning, Zoning and Building Department,
34 stating the Permit Number and the reason the refund is requested.
35 Letters requesting refunds must be received by the Planning,
36 Zoning and Building Department within thirty (30) days of the
37 permit's date of issuance.

38 (a) Permit fee has been prepaid, as prescribed in the
39 Section B of Ordinance 85-37, the 1986 Palm Beach County Building
40 Permit Fee Schedule as amended.

41 (b) Permit fee not prepaid shall be calculated as
42 prescribed in Section 80-3(g)(2) of this Code.

43 (2) FEES.

44 Electrical permit fees shall be based on the estimated value

1 of the electrical work as set forth herein and calculated at 2%
2 percent of the value up to \$10,000.00 plus, 1% percent of the
3 balance over \$10,000.00 or fraction thereof.

4 Electric Permit Fees (New Construction)

5	Amperes	Amount
6	60 - 100	\$ 30.00
	101 - 200	60.00
7	201 - 400	100.00
	401 - 600	175.00
8	601 - 800	400.00
	801 - 1000	600.00
9	1001 - 2000	1000.00

10 Additions and Alterations

11 Change of Service: 1/2 of schedule above (includes other related
12 work):

13 Minimum Electric Permit for Residential: \$15.00 per occupancy:

14 Minimum Electric Permit for Commercial: 1 - 5 outlets - \$15.00
15 per occupancy:

16 Minimum Electric Permit for Commercial: Over 5 outlets - \$25.00
17 per occupancy:

18 Swimming Pools: Residential - \$45.00-----Commercial - \$25.00

19 State Approved Modular Home Permits - \$20.00 each

20 Permit fees will be applied to each tenancy:

21 (3) MINIMUM FEE. The minimum permit fee shall be not less
22 that \$20.00.

23 (4) ESTIMATED VALUE.

24 The estimated value shall include the total cost of the
25 electrical work, exclusive of fixtures and appliances. If in the
26 opinion of the Building Official, the value is understated on the
27 application, the permit shall be denied, unless applicant can
28 show detailed, estimated cost to meet the approval of the
29 Building Official.

30 (5) INSPECTION FEES.

31 A minimum inspection fee of \$25.00 is established. The
32 minimum inspection fee shall apply to code compliance, structure
33 relocation, demolition condemnation, and reinspection. A fee may
34 be charged for each reinspection made, due to the fact that work
35 was not ready as specified at the time of scheduled inspection or
36 because work did not meet code reinspection.

80-64e) Schedule of Permit Fees (in part)

34 An inspection fee of \$40.00 may be charged for each
35 reinspection made due to the rejection work, or due to the fact
36 that work was not ready at the time specified in the request for
inspection, or failure to call for inspection. Payment of such
fee must be made prior to the reinspection.

1 (6) RECORDS.

2 The Building Official shall keep a permanent and accurate
3 account of all permit fees and other monies collected, the names
4 of all persons upon whose account the same was paid, and the data
5 and amount thereof.

6 80-6(e) Schedule of Permit Fees

7 (2) Records. The Building Official shall keep a permanent
8 and accurate account of all permit fees and other monies
9 collected, the name of all persons upon whose account the same
10 was paid, and the date and amount thereof.

11 (7) FAILURE TO OBTAIN A PERMIT.

12 The permit fee shall be four (4) times that specified in
13 Section 80-3(g)(1) should work have been commenced prior to
14 issuance of a permit as required by this code.

15 80-6(b) Failure to Obtain a Permit

16 If any person commences any work on an installation before
17 obtaining the necessary permit from the Building Official, the
18 permit fee shall be doubled.

19 (h) INSPECTIONS.

20 (1) EXISTING BUILDING INSPECTIONS. Before issuing a permit
21 the Building Official may examine or cause to be examined any
22 building for which an application has been received for a permit
23 to extend, add, alter, or repair the electrical system. He shall
24 inspect all buildings and structures, from time to time, during
25 and upon completion of the work for which a permit was issued.
26 He shall make a record of every such examination and inspection.

27 80-7(a) General

28 (1) Before issuing a permit, the Building Official or
29 authorized agent may examine or cause to be examined, any
30 building or site at or in which the work is to be done. All
31 electrical work shall be inspected from time to time during and
32 upon completion of the work for which a permit is issued. A
33 record shall be made of every such examination and inspection and
34 of all violations of the Code.

35 (2) MANUFACTURERS AND FABRICATIONS. When deemed necessary
36 by the Building Official, he shall make an inspection of
37 materials or assemblies at the point of manufacture or
38 fabrication. He shall make a record of every such examination
39 and inspection.

40 (3) INSPECTION PRIOR TO ISSUANCE OF CERTIFICATE. The
41 Building Official shall inspect or cause to be inspected at
42

1 various intervals all construction or work for which a permit is
2 required, and a final inspection shall be made of every building
3 or structure upon completion, prior to the issuance of the
4 Certificate of Occupancy.

5 (4) **POSTING OF PERMIT.** Work requiring a building permit
6 shall not commence until the permit holder or his agent posts the
7 building permit card in a conspicuous place on the premises. The
8 permit shall be protected from the weather and located in such
9 position as to allow the Building Official to conveniently make
10 the required entries thereon. This permit card shall be
11 maintained in such position by the permit holder until the
12 Certificate of Occupancy is issued by the Building Official.

13 (5) **REQUIRED INSPECTIONS.** The Building Official, upon
14 notification from the permit holder or his agent, shall make the
15 following inspections of buildings and such other inspections as
16 may be necessary, and shall either approve that portion of the
17 construction as completed or shall notify the permit holder or
18 his agent of any violations to comply with this Code:

19 80-74a) General

20 (3) The Electrical Inspector or authorized agent, upon
21 proper notification from the permit holder, shall make the
22 following inspection of electrical work, together with such other
23 inspections as may be necessary, and shall approve that portion
24 of the electrical work of the stages listed below, or shall
25 notify the permit holder, or agent, wherein the same fails to
26 comply with the requirements of the Code.

27 (a) **FIRST INSPECTION:** After all the wiring has been run
28 and the panel has been installed and made up, or wire and
29 circuits properly tagged with the number of outlets, before it
30 has been covered, other than to provide required mechanical
31 protection, the inspector shall examine same. He shall make such
32 observations and measurements, together with tests, as may be
33 required to determine whether the work complies with the Code.
34 Where wiring or circuits have been tagged, in lieu of panel make-
35 up, the tags shall remain until the panel has been finally made
36 up, inspected and approved by the inspector. Inspector may waive
the test requirements if the electrical contractor shows proof to
the inspector that installation will comply with Code.

80-74a) General

1 (3)(a) First Inspection: After all the wiring has been run
2 and the panel has been installed and made up, or wire and
3 circuits properly tagged with the number of outlets, before it
4 has been covered, other than to provide required mechanical
5 protection, the inspector shall examine same. He shall make such
6 observations and measurements, together with tests, as may be
7 required to determine whether the work complies with the Code.
Where wiring or circuits have been tagged, in lieu of panel make-
up, the tags shall remain until the panel has been finally made
up and inspected and approved by the inspector. Inspector may
waive the test requirements, provided the electrical contractor
shows proof to the inspector that installation will comply with
code.

8 (b) FINAL INSPECTION: The Building Official shall make,
9 or cause to be made a final inspection of all electrical work in
10 buildings upon completion thereof, prior to the issuance of the
11 Certificate of Occupancy.

12 80-7(a) General

13 (3)(b) Final Inspections: The Building Official shall
14 make, or cause to be made a final inspection of all electrical
work in buildings upon completion thereof, prior to the issuance
of the Certificate of Occupancy.

15 No owner or agent shall allow any new building to be
16 occupied by any person until after the electrical work in said
17 building shall have been approved by the Building Official. No
18 equipment regulated by this Code shall be connected to the power
19 supply and placed in normal operation until it complies with all
20 applicable requirements of this Code and final inspection
21 approval has been issued. The servicing utility company shall
22 not connect the power supply until notified by the Building
23 Official.

24 80-7(a) General

25 (4) No owner or agent shall allow any new building to be
26 occupied by any person until after the electrical work in said
27 building shall have been approved by the Building Official. No
28 equipment regulated by this Code shall be connected to the power
29 supply and placed in normal operation until it complies with all
applicable requirements of this Code and a final inspection
approval has been issued. The servicing utility company shall
not connect the power supply until notified by the Building
Official.

30 (6) WRITTEN APPROVAL. Work shall not be done on any part
31 of building or structure beyond the point indicated in each
32 successive inspection without first obtaining the written
33 approval of the Building Official. Such written approval shall
34 be given only after an inspection has been made of successive
35 step in the construction as indicated by each of the foregoing
36 two inspections. The signed permit card for that specific inspection

1 shall constitute written approval.

2
3 (7) **AFFIDAVIT.** Where the construction involves such areas
4 as are certified as "classified" by the applicable United States
5 Government Security Office of a facility engaged in activities
6 relating to the national defense, the Building Official may
7 accept, in lieu of inspection, an affidavit by an architect or
8 engineer registered in Florida certifying conformance of the
9 Code.

10 80-7(a) General

11 (2) Where the construction involves such areas as are
12 certified to be "classified" by the applicable United States
13 Government Security Office of a facility engaged in activities
14 relating to the national defense, the Building Official may
15 accept, in lieu of inspection, an affidavit by an architect or
16 engineer registered in Florida certifying conformance to the
17 Code.

15 80-4 TESTS.

16 The Building Official may require tests or test reports as proof
17 of compliance of alternates. Required tests are to be made at
18 the expense of the owner, or his agent, by an approved testing
19 laboratory or other approved agency.

20 80-3(i) Test

21 When there is sufficient evidence to substantiate claims for
22 alternates, the Building Official may require test of compliance
23 as proof to be made by an approved agency at the expense of the
24 applicant. Test shall be made by in accordance with general
25 recognized standards; however, in the absence of such standards,
26 the Building Official shall specify the test procedure.

27 Tests may be required to be repeated, if at any time, there
28 is reason to believe that an alternate no longer conforms to the
29 requirements on which its approval was based.

27 80-5 BOARD OF ADJUSTMENT AND APPEALS

28 The Palm Beach County Building Board of Appeals, established
29 pursuant to Chapter 65-2051, Laws of Florida, shall hear; among
30 other things, all appeals concerning interpretations and
31 enforcement of this Code. In addition, any person aggrieved by
32 any provisions set forth in this Code may seek administration
33 relief through the Board.

34 80-2(d) Board of Adjustments and Appeals

35 The Board of Adjustment and Appeals, as established by
36 Section III of the Standard Building Code, shall hear all appeals
concerning the interpretation and enforcement of this Code.

1 80-6 BUILDING CODE ADVISORY BOARD.

2 The Palm Beach county Building Code Advisory Board,
3 established pursuant to Chapter 74-565, Laws of Florida and the
4 Standard Building Code as amended, may among other things act as
5 a clearinghouse for approval of new products for Palm Beach
6 County.

7
8 80-7 VALIDITY

9 If any section, subsection, sentence, clause, phrase or word
10 of this Code is for any reason held to be invalid or
11 unconstitutional, such decision shall not affect the validity of
12 the remaining portions of this Code.

13 80-9 Validity

14 If any section, sub-section, sentence, clause or phrase of
15 this ordinance is for any reason held to be unconstitutional,
16 such decision shall not affect the validity of the remaining
17 portion of this Code.

16
17 80-8 VIOLATIONS AND PENALTIES

18 Any contractor, person, firm, corporation or agent who shall
19 violate any provision of this Code, or fail to comply therewith,
20 or with any of the requirements thereof, shall be guilty of a
21 County Ordinance violation. Each such person shall be deemed
22 guilty of a separate offense for each and every day or portion
23 thereof during which any violation of any of the provisions of
24 this Code is committed or continued, and upon conviction of any
25 such violation, such person shall be punished in accordance with
26 Section 125.60 F.S. which provides for a fine up to five hundred
27 (\$500.00) dollars, or by imprisonment not to exceed sixty (60)
28 days, or by a combination of both fine and imprisonment. In no
29 case, however shall the fine be less than fifty (\$50.00)
30 dollars.

31 80-8 Violations and Penalties

32 Any person, firm or corporation who shall violate a
33 provision of this code, or fail to comply therewith, or with any
34 of the requirements thereof, shall be guilty of misdemeanor.
35 Each such person shall be deemed guilty of a separate offense for
36 each and every day or portion thereof during which any violation
 of any of the provisions of this code is committed or continued,
 and upon conviction of any such violation, such person shall be
 punished by a fine of not less than fifty Dollars (\$50.00) nor
 more than five hundred dollars (\$500.00), or by imprisonment not
 exceeding six (6) months, or by both such fine and imprisonment.

1 80-9 DEFINITIONS:

2 80-4(f) Definitions

3 DEPARTMENT - As used in this code shall mean the Building
4 Division of Palm Beach County, Planning, Zoning and Building
5 Department.

6 INDUSTRIAL PLANT ELECTRICAL MAINTENANCE SUPERVISOR: A
7 person regularly employed in an industrial plant to perform
8 electrical work solely on behalf of their employer and only upon
9 the premises of their employer's industrial plant, qualified by
10 training and technical knowledge to plan, lay-out and supervise
11 electrical work permitted to be done under annual industrial
12 permits. Must be certified as a Master Electrician or and and
13 Electrical Contractor.

14 Industrial Plant Electrical Maintenance Supervisor: A
15 person regularly employed in an industrial plant to perform
16 electrical work solely on behalf of their employer and only upon
17 the premises of their employer's industrial plant, qualified by
18 training and technical knowledge to plan, lay-out and supervise
19 electrical work permitted to be done under annual industrial
20 permits. Must be certified as a Master Electrician or an
21 Electrical Contractor.

22 INDUSTRIAL PLANT MAINTENANCE ELECTRICIAN: A person
23 regularly employed in an industrial plant to perform electrical
24 work solely on behalf of their employer and upon the premises of
25 their employer's industrial plant and under the supervision of an
26 industrial plant electrical maintenance supervisor. Must be a
27 journeyman electrician.

28 Industrial Plant Maintenance Electrician: A person
29 regularly employed in an industrial plant to perform electrical
30 work solely on behalf of their employer and upon the premises of
31 their employer's industrial plant and under the supervision of an
32 industrial plant electrical maintenance supervisor. Must be a
33 journeyman electrician.

34 ELECTRICIAN A person who is engaged in the electrical trade
35 or business and who is qualified under the terms and provisions
36 of this Code.

37 Electrician: A person who is engaged in the electrical
38 trade or business and who is qualified under the terms and
39 provisions of this Code.

40 ELECTRICIAN APPRENTICE: A person who is engaged in learning
41 the electrical trade by working with and under the supervision of
42 journeyman electrician who holds a valid Certificate of

1 Competency and who shall be held responsible for the work of such
2 apprentice.

3 Electrician Apprentice: A person who is engaged in learning
4 the electrical trade by working with and under the supervision of
5 a journeyman electrician who holds a valid certificate of
competency and who shall be held responsible for the work of such
apprentice.

6 JOURNEYMAN ELECTRICIAN: A person qualified by experience
7 and/or education to perform work in the electrical trade must be
8 certified by the Palm Beach County Construction Industry
9 Licensing Board.

10 Journeyman Electrician: A person qualified by experience
11 and/or education to perform work in the electrical trade. Must
12 be certified by the Palm Beach County Construction Industry
Licensing Board.

13 MAINTENANCE ELECTRICIAN: A person who possesses the
14 qualifications prescribed in this Section for a "journeyman
15 electrician," but who must be regularly employed to maintain and
16 make minor repairs to the electrical wiring, apparatus and
17 equipment which is installed, contained and used upon premises
18 or in the buildings owned, occupied or controlled by the person
19 whom the maintenance electrician is employed.

20 Maintenance Electrician A person who possesses the
21 qualifications prescribed in this Section for a "journeyman
22 electrician," but who must be regularly employed to maintain and
23 make minor repairs to the electrical wiring, apparatus and
equipment which is installed, contained, and used upon premises
or in the buildings owned, occupied, or controlled by the person
by whom the maintenance electrician is employed.

24 MASTER ELECTRICIAN: A person who possesses the necessary
25 qualifications, training, and technical knowledge to plan, layout
26 and supervise the installation of electrical wiring, apparatus or
27 equipment for light, heat, or power, as covered by the terms and
28 provisions of this Article who is certified by the Palm Beach
29 County Construction Industrial Licensing Board or Chapter 489
30 F.S., or who is otherwise in compliance therewith.

31 Master Electrician: A person who possesses the necessary
32 qualifications, training, and technical knowledge to plan, lay-
33 out and supervise the installation of electrical wiring,
apparatus or equipment for light, heat, or power as covered by
the terms and provisions of this Article.

1 **ARTICLE 210 - BRANCH CIRCUITS**

2 **210-1 - SCOPE**

3 210-4 Amended to read as follows:

4 **Article 210-1 Delete and substitute the following:**

5 The provisions of this Article apply to branch circuits
6 supplying lighting or appliance loads or combinations of both.
7 Where motors or motor-operated appliances are connected to any
8 branch circuit that also supplies lighting or other appliance
9 loads, the provisions of both this Article and Article 430 shall
10 apply. Article 430 applies where a branch circuit supplies motor
11 loads only. Branch circuits shall be plainly marked at the
12 overcurrent protective device so they can be quickly and
13 positively identified.

15 **210-5 - COLOR CODE FOR BRANCH CIRCUITS.** Add paragraph (c).

17 (c) **UNGROUNDED CONDUCTORS COLOR CODE:**

18 Ungrounded conductors operating at voltages not exceeding
19 150 volts at ground, shall be identified by an outer covering or
20 marking at termination or splice of black, red or blue.
21 Ungrounded conductors operating at voltages exceeding 150 volts
22 to ground shall be identified by an outer covering or marking at
23 termination or splice of brown, purple or yellow.

24 **Note:** The above applies to color code for services,
25 feeders and branch circuits of three (3)
26 phase systems.

28 **210-50 - GENERAL**

29 210-50 Add to existing Article:

30 Add new Subparagraphs (d) and (e).

31 (d) Any building to be used for other than office
32 occupancies, warehousing purposes or residences shall have
33 receptacles installed a minimum of each twenty feet (20') of
34 unencumbered wall space. All receptacles shall be installed at
35 accessible locations and this accessibility shall be maintained
36 regardless of wall fixtures or other modifications. Office

1
2 occupancy shall have receptacles installed each twelve feet (12')
3 of unencumbered wall space Receptacles not required in warehouses
4 (storage).

5 (e) All air-conditioning and heating components installed
6 on a roof or in an attic shall have an accessible external
7 disconnect switch and an 110-120 volt A/C grounding type
8 convenience outlet convenient to the general equipment area.

9
10 **210-52. - DWELLING UNIT RECEPTACLE OUTLETS.**

11 240-52 Add to existing Article:

12 Add Subparagraph (g):

13 (g) In each branch circuit panel board of any one and two
14 family dwelling units, there shall be a minimum of two (2) extra
15 spaces for fuse holders or breakers for future use. An empty
16 raceway terminating in an accessible attic or an empty raceway
17 terminating an accessible place, either under the floor or to the
18 exterior of the building above finish grade shall be installed.

19
20 **210-70. - LIGHTING OUTLETS REQUIRED.**

21 240-70 Add to existing Article:

22 Add new paragraph (c):

23 (c) In an attic, a light controlled by a switch located at
24 the required passageway opening shall be provided.

25
26 **ARTICLE 215 - FEEDERS.**

27 215-4. - FEEDERS WITH COMMON NEUTRAL.

28 215-4(b) Add to existing paragraph:

29 Delete (b) and substitute the following:

30 All feeder conductors to panels shall be installed in an approved
31 raceway. unless otherwise approved by the Building Official

32 **Note:** See 210-5 for Color Coding

33
34 **ARTICLE 220 - BRANCH-CIRCUIT AND FEEDER CALCULATIONS.**

35 **220-2. - COMPUTATION OF BRANCH CIRCUITS.**

36 220-2(b) Add to existing paragraph

1 Add to (b):

2 In residences, a 15A circuit and 20A circuit may have ten (10)
3 general lighting outlets.

5 **220-3L - BRANCH CIRCUITS REQUIRED.**

6 220-3(b)(4) Add to existing paragraph:

7 Add to paragraph (b):

8 A small appliance circuit shall not feed more than four (4)
9 receptacles. In kitchens no small appliance receptacles on the
10 same circuit shall be adjacently located.

12 **220-3L - BRANCH CIRCUITS REQUIRED.**

13 220-3 Add to existing Article:

14 Add paragraph (e):

15 (e) Air-conditioners, refrigerators, dishwashers, garbage
16 disposals, microwave ovens, etc. and similar fixed or stationary
17 appliances must have a separate circuit.

19 **ARTICLE 230 - SERVICES**

20 **230-43L - WIRING METHODS FOR 600 VOLTS NOMINAL OR LESS.**

21 230-43 Amended to read:

22 Delete and substitute the following:

23 Service entrance conductors shall be installed in accordance
24 with the applicable requirements of this Code. All service
25 entrance conductors shall be installed in an approved raceway
26 such as rigid conduit, aluminum conduit, intermediate metal
27 conduit, E.M.T. and rigid non-metallic conduit, busway, cable
28 bus, auxiliary, gutters and wireways, cable tray or mineral
29 insulated cable. An electrical mast must be rigid or intermediate
30 metal conduit and shall be a minimum two inch (2") trade size or
31 more in diameter when used as a support mast for service drops.

33 **230-70L - GENERAL.**

34 230-70 Add to existing Article

35 Add to paragraph (a):

1 If eight feet (8') or more of service entrance conductors
2 are located inside the building as determined by Section 230-44,
3 a disconnect must be installed at the meter.

4

5

ARTICLE 300 - WIRING METHODS

6

300-4L - PROTECTION AGAINST PHYSICAL DAMAGE

7

300-4 Add to existing Article:

8

Add new paragraphs (d) and (e).

9

10

(d) In concealed locations where E.M.T. or P.V.C. laid
in notches will not later be visible, a steel protection plate, a
minimum of one sixteenth inch (1/16") thick shall be installed
prior to the application of wall, ceiling or floor finish.

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(e) Approved rigid metal conduit, rigid non-metallic
conduit, surface metal raceway, electrical metallic tubing, or
intermediate metal conduit or electrical non-metallic tubing
shall be required to encase conductors for lights, heat or power
in the wiring of buildings containing three (3) or more dwelling
units and in churches, schools, hotels, theatres, public
buildings, commercial buildings, manufacturing establishments and
all buildings in the designated fire district.

22

ARTICLE 310 - CONDUCTORS FOR GENERAL WIRING

23

310-2L - CONDUCTORS

24

310-2 Add to existing article:

25

Add paragraph (c).

26

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(c)(1) Aluminum conductors smaller than No. 2 A.W.G. shall
not be installed.

(c)(2) All aluminum conductors shall terminate in approved
hypress lug and/or connectors conforming to the manufacturer
specifications and/or the Aluminum Association's
installation manual and design guide.

(c)(3) Aluminum conductors shall not be used for grounding
or bonding.

1 ~~310-8L - WET LOCATIONS.~~

2 310-8 Add to existing article:

3 Add new paragraph (c).

4 (c) Conductors to equipment installed out of doors must be
5 protected from the disconnect to the equipment by liquid tight
6 flexible metallic conduit not over six feet (6') in length.

8 **ARTICLE 324 - CONCEALED KNOB-AND-TUBE WIRING**

9 Delete Article in its entirety.

11 **ARTICLE 333 - ARMORED CABLE**

12 **ADD NOTE**

13 **Note:** Must be hospital grade with green grounding
14 conductor.

15 333- Delete in its entirety

17 **ARTICLE 336 - NONMETALLIC SHEATHED CABLE**

18 ~~336-3L - USES PERMITTED OR NOT PERMITTED.~~

19 336-3 Amended to read:

20 Delete existing paragraph (c) and substitute the following:

21 (c) Type N.M. and N.M.C. shall be restricted to residences of
22 not more than two (2) occupancies. Structural members of
23 buildings shall not be cut. N.M. cable shall not be used in the
24 hollow space of masonry walls or embedded in masonry unless in an
25 approved raceway. When N.M. is installed on top of joists in
26 attics, it must be run in a space where the vertical clearance is
27 two feet (2') or less between the top of the ceiling joist and
28 the bottom of the roof rafter. N.M. or N.M.C., when installed on
29 the surface of masonry construction, or in spaces between furring
30 strips, or in any locations where the possibility of physical
31 damage could result in any style construction, shall be encased
32 in approved metal raceway. If a one and a half inch (1 1/2") E.M.T.
33 sleeve is required for protection of an N.M. or N.M.C. cable,
34 only one such cable shall be allowed in the sleeve. The sleeve
35 shall be provided with a 90 degree bend installed in the
36

1 direction of intended cable travel.

2

3

ARTICLE 348 - ELECTRICAL METALLIC TUBING

4

348-1 - USE.

5

348-4 Amended to read:

6

Add to existing paragraph.

7

E. M. T. may be used in concrete except for grade slabs.

8

9

ARTICLE 370 - BOXES AND FITTING

10

370-19. - JUNCTION, PULL AND OUTLET BOXES TO BE ACCESSIBLE.

11

Add to existing paragraph.

12

Above the suspended ceiling, junction, pull and outlet boxes shall be installed not more than four (4) feet above the suspended ceiling.

14

15

16

ARTICLE 400 - FLEXIBLE CORDS AND CABLES.

17

400-7. - USES PERMITTED.

18

400-7 Amended to read:

19

Delete paragraph (b) and substitute the following:

20

Where used as permitted in sub-sections (a) (3), (a) (6), and (a) (8) of this Section, each flexible cord shall be equipped with an attachment plug and shall be energized from an approved receptacle outlet. These cords shall not be more than six feet (6') in length.

25

26

400-8. - USES NOT PERMITTED.

27

400-8 Add to existing Article:

28

Add Item No. 6.

29

(6) When connecting equipment out-of-doors.

30

31

ARTICLE 410 - LIGHTING FIXTURES, LAMP HOLDERS, LAMPS,

32

RECEPTACLES, AND ROSETTES.

33

410-57. - RECEPTACLES IN DAMP OR WET LOCATIONS.

34

35

410-57(e) Add to existing paragraph:

36

Delete (b) and substitute the following:

1 (b) Wet Locations. A receptacle installed outdoors where
2 exposed to weather or in other wet locations shall be in a
3 rainproof enclosure, the integrity of which is not affected when
4 the receptacle is in use (attachment plug cap inserted).

5
6 **Exception:** An enclosure that is weatherproof only when a self-
7 closing receptacle cover is closed shall be permitted to be used
8 for a receptacle installed outdoors where the receptacle is not
9 to be used with other than portable tools or other portable
10 equipment not left connected to the outlet indefinitely.

11 Receptacles installed out-of-doors must have weatherproof covers
12 and are to be installed only for portable tools or other portable
13 equipment not usually left connected to the outlet indefinitely.
14

15 **ARTICLE 680 - SWIMMING POOLS, FOUNTAINS**

16 **680-7 - CORD AND PLUG CONNECTED EQUIPMENT.**

17 680-7 Amended to read:

18 Delete existing and substitute as follows.

19 All electrical equipment installed outdoors or exposed to the
20 weather shall be connected to the disconnecting means by liquid
21 tight flexible metal conduit. A rain tight disconnect with
22 switches or circuit breakers shall break all ungrounded
23 conductors.

24 **EXCEPTION NO. 1: Storable pools**

26 **680-8 - OVERHEAD CONDUCTOR CLEARANCE.**

27 Delete Exceptions No. 1 and No. 2 of this Section.

29 **680-25 - METHODS OF GROUNDING.**

30 680-25(a) Amended to read:

31 Delete (a) and substitute the following:

32 (a) **GENERAL.**

33 The following provision shall apply to the grounding of
34 underwater lighting fixtures, metal junction boxes, metal
35 transformer enclosures and all metallic electric equipment
36

1 associated with a pool or fountain; must be grounded by a
2 grounded conductor originating at the service entrance equipment.

3

4 **ARTICLE 700 - EMERGENCY SYSTEMS**

5 **700-1. - SCOPE.**

6 700-4 Add to existing Articles:

7 Add new paragraph, cross reference Standard Building Code
8 Section 506. As amended:-

9 (a) A standby on-site power generation system conforming to
10 N.F.P.A. 70 in general and N.F.P.A. 700-12 (b) Generator Set, as
11 revised herein, shall be provided in all buildings more than four
12 (4) stories or fifty feet (50') ~~forty (40)~~ above the average grade
13 except factory, industrial and storage occupancies.

14 ~~(Cross reference Standard Building Code Addendum 506.-)~~

15 **Note:** See 700-12 for location of emergency generator
16 and related equipment.

17

18 700-7 Add to existing Articles:

19 (a) All wiring shall be run in approved metallic raceway.

20

21 **700-9. - WIRING. EMERGENCY SYSTEMS.**

22 Add to existing paragraph:

23 All wiring shall be run in approved metallic raceway.

24

25 **EXCEPTION:** Fire rated cables may be used subject to approval by
26 the Building Official.

27

28 **700-12. - GENERAL REQUIREMENTS.**

29 700-12(b)(4) Add to existing sub-paragraph:

30 Add to subparagraph (b) (1).

31 **Note:** Emergency generator and related equipment must be
32 isolated in a separate room or outside away from normal
33 power and other equipment.

34

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1 **(b) GENERATOR SET.**

2 (1) System supervisions devices with manual start and
3 transfer features, shall be provided at a Central Control
4 Station. All power lighting signal and communications facilities
5 provided under the requirements of this Section shall be
6 transferable to the standby system.

7
8 **(a)(aa) STANDBY POWER LOADS**

9 The following loads are classified as standby power loads.
10 The transition time from the instant of failure of the normal
11 power source to the generator source shall not exceed sixty (60)
12 seconds except as noted for hospitals in paragraph 700-6(b)1.44.
13 The standby power generator shall be sized to supply the
14 following:

15 (1)i- The elevator required under Section 506.7 (a)(5) of
16 the Standard Building Code as amended.

17 (2)ii- Mechanical air-handling systems required to be
18 operating during an emergency.

19 (3)iii- Fire pumps.
20

21 **(b)(bb) EMERGENCY POWER LOADS**

22 The transition time from the instant of failure of the
23 normal power source to the generator source shall not exceed ten
24 (10) seconds unless otherwise specifically noted. The following
25 loads are classified as Emergency Power Loads:

26
27 (1)i- Voice alarm system.

28 (2)ii- Voice communication system.

29 (3)iii- Fire alarm systems.

30 (4)iv- Fire detection systems.

31 (5)v- Elevator car lighting.

32 (6)vi- Escape route lighting and exit sign illumination
33 which shall both operate within one (1) second.

ATTACHMENT NO. 1

Any building or structure other than one (1) or two (2) family dwellings, and any building upon any farm for the use of any farmer, shall be designed by an architect or engineer legally registered under the laws of the State of Florida, regulating the practice of architecture and engineering and who shall affix their seal and signature and the date of said drawings, specifications and accompanying data, except that any electrical contractor whose practice is the design and fabrication of electrical systems which he installs, by virtue of having qualified under State Statutes or any special act or ordinance, may design the electrical system of any new building or addition which requires an aggregate service capacity of 600 amperes (240 volts) or less on a residential electrical system or 800 amperes (240 volts) or less on a commercial or industrial electrical system and which costs less than \$50,000.00, is not required to register under the provisions of s.s. 471.001-471.039 as a registered engineer.

1 SECTION 3. CAPTIONS.

2 The captions, section headings, and section designations
3 used in this Code are intended for convenience of users only and
4 shall have no effect on the interpretation of the provisions of
5 this Ordinance.

6
7 SECTION 4. REPEAL OF LAWS IN CONFLICT.

8 All local laws and ordinances applying to Palm Beach County
9 in conflict with any provisions of this ordinance are hereby
10 repealed.

11
12 SECTION 5. SEVERABILITY.

13 Should any section, paragraph, sentence, clause, or word of
14 this ordinance be held to be unconstitutional, inoperative, or
15 void, such holding shall not affect the validity of the remainder
16 of this ordinance.

17 SECTION 6. INCLUSION IN CODE.

18 The provisions of this ordinance shall become and be made a
19 part of the Code of Laws and Ordinances of Palm Beach County,
20 Florida, and the various sections may be retitled, renumbered, or
21 relettered to accomplish this purpose.

22
23 SECTION 7. APPLICABILITY

24 This Ordinance shall be effective in the unincorporated
25 areas of Palm Beach County and the amendments adopted by this
26 Ordinance shall apply as far as possible to any future editions
27 of the National Electrical Code which may be adopted by the State
28 or County for Palm Beach County until such time Palm Beach County
29 may adopt new amendments.

30
31 SECTION 8. EFFECTIVE DATE.

32 The provisions of this ordinance shall become effective upon
33 receipt of acknowledgment by the Department of State of the State
34 of Florida.

35

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February 21, 1986